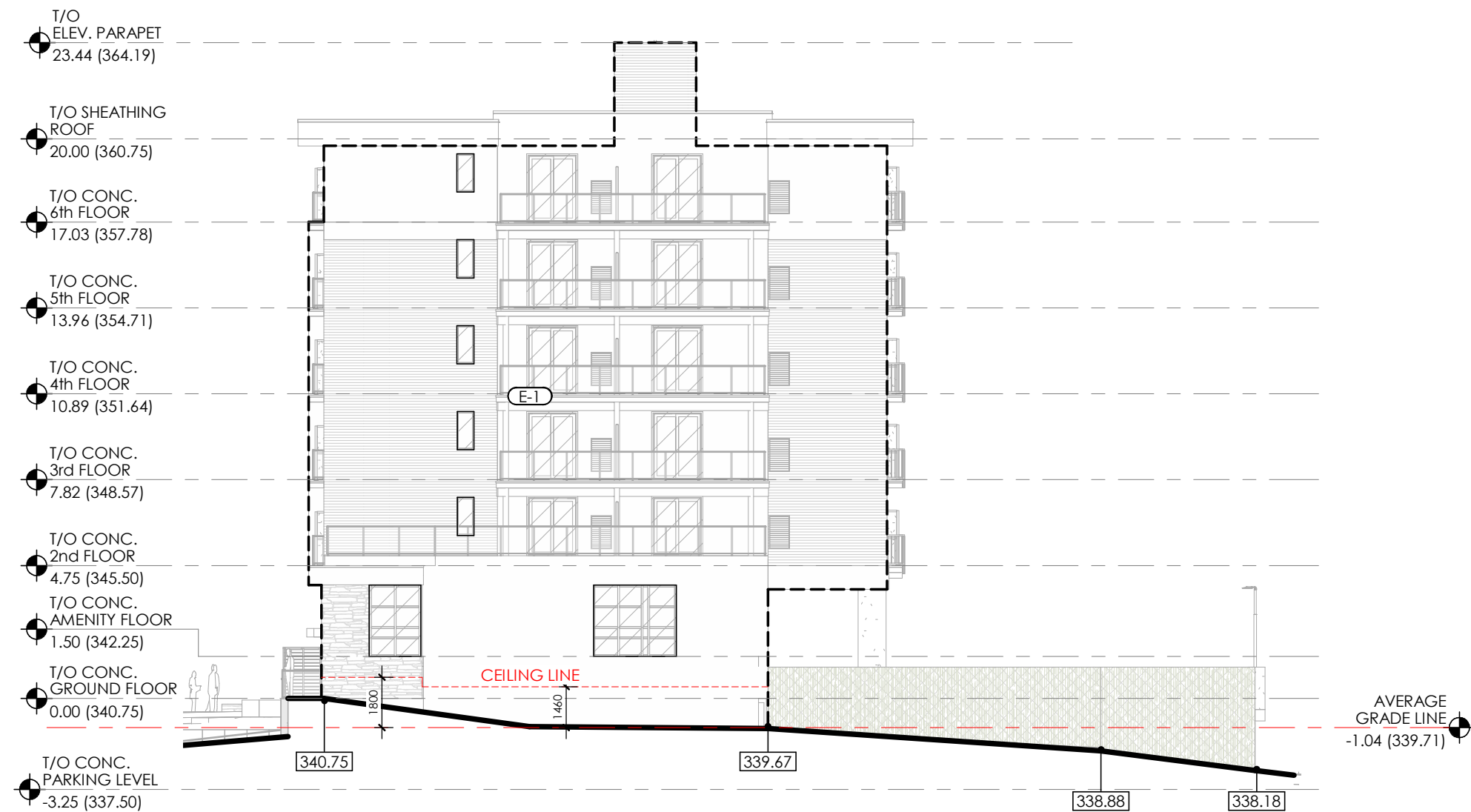




OBC DATA MATRIX									
Ontario Building Code Data Matrix					OBC Reference				
1	Project Description: ☒ New ☐ Addition ☐ Change of Use ☐ Alteration				2.1.1. 2.1.1. 2.1.1. 11.1 to 11.4				
2	Major Occupancy(s): Group C				3.1.2.1.(1) 9.10.2.(1) 11.4				
3	Building Area (m ²): Existing: - New: 1,053.65 Total: 1,053.65				1.1.3. 1.1.3.				
4	Gross Floor Area (m ²): Existing: - New: 5,748.41 Total: 5,748.41				1.1.3. 1.1.3.				
5	Number of Storeys: Above Grade: 6 Below Grade: 1				3.2.1.1. & 1.1.3. 9.10.4.				
6	Height of Building (m): 19.96m TO T/O ROOF STRUCTURE, 17.03m TO UPPER MOST FLOOR LEVEL								
7	Number of Storeys / Access Routes: 1				3.2.2.10. & 3.2.5.5 9.10.20.				
8	Building Classification: 3.2.2.43A - Group C				3.2.2.20-83 9.10.2.				
9	Sprinkler System Proposed: ☒ Entire Building ☐ Basement Only ☐ In Lieu of Roof Rating ☐ Not Required				3.2.2.20-83 3.2.1.5. 3.2.2.17.				
10	Standpipe Required: ☒ Yes ☐ No				3.2.9.1. 9.31.3.1				
11	Fire Alarm Required: ☒ Yes ☐ No				3.2.4.1. 9.10.18.2.				
12	Water Service / Supply is Adequate: ☒ Yes ☐ No				3.2.5.7. N/A.				
13	High Building: ☐ Yes ☒ No				3.2.6.1. N/A.				
14	Permitted Construction: ☐ Combustible ☐ Non-Combustible ☒ Both				3.2.2.20-83 9.10.6.				
15	Actual Construction: ☐ Combustible ☐ Non-Combustible ☒ Both								
16	Mezzanine(s) Area (m ²): TOTAL AREA: 120.00m² - WITHIN SUITES				3.2.1.1.(3)-(8) 9.10.4.1.				
17	Occupant Load: ☐ m ² /person ☒ Design of Building				3.1.1.7.1. 9.9.1.3.				
18	Barrier-free Design: ☒ Yes ☐ No				3.8.1.1. 9.5.2.1.				
19	Hazardous Substances: ☐ Yes ☒ No				3.3.1.2.(1) & 3.3.1.19.(1) 9.10.1.3.(4)				
20	Required Fire Resistance Rating (FRR) (Hours)				3.2.2.20-83 & 3.2.1.4. 9.10.8. 9.10.9. 9.10.9.4.				
21	Other: Major Occupancy Summary Floor/Area								

FIRE COMPARTMENT ANALYSIS										
All Elevations: Spatial Separation - Construction of Exterior Walls:										
Fire Compartment	Occupancy	Area of EBF (m ²)	L.D. (m)	Permitted U.O.I. (%)	Area of U.O.I. (m ²)	Area of U.O.I. (%)	FRR (Hours)	Listed Design or Description	Type of Construction Required	Type of Existing Construction
S-1	Group C	1054.91	20.84	100.00	435.45	41.30	N/A	T.B.D.	COMB./NON COMB.	COMB./NON COMB.
W-1	Group C	397.75	8.48	10.44	99.30	24.97	3/4 HR	T.B.D.	COMB./NON COMB.	COMB./NON COMB.
N-1	Group C	1140.67	14.71	100.00	333.87	28.77	N/A	T.B.D.	COMB./NON COMB.	COMB./NON COMB.
E-1	Group C	411.37	3.00	22.00	60.96	14.82	1 HR	T.B.D.	COMB./NON COMB.	NON COMB.

AVERAGE GRADE CALCULATION									
SOUTH ELEVATION : 340.75 + 340.75 + 340.75 + 340.75/ 4 = 340.75									
EAST ELEVATION: 340.75 + 339.67 + 338.88 + 338.18/ 4 = 339.37									
NORTH ELEVATION: 338.99 + 338.59 + 338.26 + 338.18/ 4 = 338.51									
WEST ELEVATION: 338.81 + 340.60 + 340.75 + 340.75/ 4 = 340.22									
AVERAGE GRADE: 340.75 + 339.37 + 338.51 + 340.22 / 4 = <u>339.71</u>									
OBC DIV. A 1.4.1.2. DEFINITION OF FIRST STOREY: MEANS THE STOREY THAT HAS ITS FLOOR CLOSEST TO GRADE AND ITS CEILING MORE THAN 1.8M ABOVE GRADE.									
THE DISTANCE BETWEEN AVERAGE GRADE AND THE CEILING OF THE P1 PARKING LEVEL IS LESS THAN 1.8M. THEREFORE AS PER OBC DIV. A 1.4.1.2. DEFINITION OF FIRST STOREY, THE P1 PARKING LEVEL SHALL NOT BE CLASSIFIED AS A STOREY.									
----- CEILING LINE									
[340.75] → ELEVATION OF GRADE (REFER TO CIVIL DRAWINGS)									

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ISSUED FOR:

SCHEMATIC DESIGN

DEVELOPED DESIGN

2021.03.12

SITE PLAN APPROVAL

BUILDING PERMIT

BIDDING/TENDER

NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR ZBA	2021.06.03
2	RE-ISSUED FOR ZBA	2021.12.01
3	RE-ISSUED FOR ZBA	2021.12.15

EDGE
ARCHITECTS LTD

ARCHITECT'S SEAL



PROJECT NAME

310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT



URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE

OBC MATRIX AND SPATIAL
SEPARATION

PROJECT NUMBER

DRAWING NUMBER

19099

SCALE

As indicated

SHEET SIZE

24x36

.0.3

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SCHEMATIC DESIGN

DEVELOPED DESIGN 2021.03.12

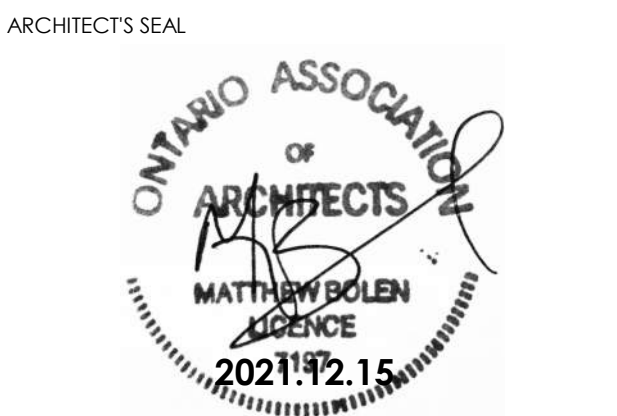
SITE PLAN APPROVAL

BUILDING PERMIT

BIDDING/TENDER

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EDGE
ARCHITECTS LTD



PROJECT NAME

310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT

URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE

ELEVATIONS

PROJECT NUMBER	DRAWING NUMBER
19099	3.1
SCALE As indicated	
SHEET SIZE 24x36	



1 SOUTH ELEVATION
3.1

MATERIAL LEGEND

- | | | | | | |
|--|---|--|---|---|--|
| 01 MASONRY STONE
ANDANTE FIELDLEDGE
BY ALDARADO STONE OR SIMILAR | 05 CAST-IN-PLACE CONCRETE | 09 ALUMINUM GUARD RAIL SYSTEM
C/W GLASS PANELS | 13 LINE OF PROPOSED GRADE | 17 SUITE ENTRY WOOD DOOR | 21 SLATED PRIVACY SCREEN |
| 02 'PEARL GREY' SMOOTH
HARDIE PANEL AND LAP SIDING
OR SIMILAR | 06 VINYL WINDOW UNIT
FRAME COLOUR: STANDARD BLACK | 10 INSULATED SECTIONAL OVERHEAD DOOR
COLOUR: STANDARD BLACK | 14 ALUMINUM STORE FRONT WITH
CLEAR INSULATED SEALED UNIT GLAZING
FRAME COLOUR: STANDARD BLACK | 18 MATERIAL: STORE FRONT SPANDREL GLAZING
FRAME FINISH: STANDARD BLACK | 22 PTAC/CONDENSER UNIT GRILLE
COLOUR: DARK CHARCOAL |
| 03 'AGED PEWTER' SMOOTH
HARDIE PANEL AND LAP SIDING
OR SIMILAR | 07 METAL CLAD ELEMENT
'AL13' OR SIMILAR | 11 MAIN DOOR(S)
COLOUR: TO MATCH WINDOW FRAMES | 15 FULL LITE DOOR
COLOUR: STANDARD BLACK | 19 IVY COVERED CONCRETE WALL | |
| 04 'SAND CASTLE' WOODTONE,
SELECT CEDARMILL HARDIE LAP SIDING
OR SIMILAR | 08 ALUMINUM GUARD RAIL SYSTEM
COLOUR: TO MATCH WINDOW FRAMES | 12 BALCONY SLIDER w/ SEALED UNIT GLAZING
COLOUR: TO MATCH WINDOW FRAMES | 16 METAL C-CHANNEL
ROOF CANOPY w/
WOOD SOFFIT | 20 ARMOUR STONE OR
RETAINING WALL BLOCKS | |

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ISSUED FOR:

SCHEMATIC DESIGN

DEVELOPED DESIGN 2021.03.12

SITE PLAN APPROVAL

BUILDING PERMIT

BIDDING/TENDER

NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR ZBA	2021.06.03
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EDGE
ARCHITECTS LTD



PROJECT NAME

310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT

URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE

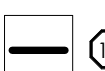
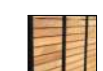
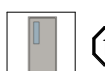
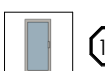
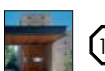
ELEVATIONS

PROJECT NUMBER	DRAWING NUMBER
19099	
SCALE	3.2
As indicated	
SHEET SIZE	
24x36	



1
3.2
NORTH ELEVATION

MATERIAL LEGEND

 01 MASONRY STONE ANDANTE FIELDLEDGE BY ALDARADO STONE OR SIMILAR	 05 CAST-IN-PLACE CONCRETE	 09 ALUMINUM GUARD RAIL SYSTEM C/W GLASS PANELS	 13 LINE OF PROPOSED GRADE	 17 SUITE ENTRY WOOD DOOR	 21 SLATTED PRIVACY SCREEN
 02 PEARL GREY SMOOTH HARDIE PANEL AND LAP SIDING OR SIMILAR	 06 VINYL WINDOW UNIT FRAME COLOUR: STANDARD BLACK	 10 INSULATED SECTIONAL OVERHEAD DOOR COLOUR: STANDARD BLACK	 14 ALUMINUM STORE FRONT WITH CLEAR INSULATED SEALED UNIT GLAZING FRAME FINISH: STANDARD BLACK	 18 MATERIAL: STORE FRONT SPANDREL GLAZING FRAME FINISH: STANDARD BLACK	 22 PTAC/CONDENSER UNIT GRILLE COLOUR: DARK CHARCOAL
 03 'AGED PEWTER' SMOOTH HARDIE PANEL AND LAP SIDING OR SIMILAR	 07 METAL CLAD ELEMENT 'A113' OR SIMILAR	 11 MAIN DOOR(S) COLOUR: TO MATCH WINDOW FRAMES	 15 FULL LITE DOOR COLOUR: STANDARD BLACK	 19 IVY COVERED CONCRETE WALL	
 04 'SAND CASTLE' WOODTONE, SELECT CEDAR/MILL HARDIE LAP SIDING OR SIMILAR	 08 ALUMINUM GUARD RAIL SYSTEM COLOUR: TO MATCH WINDOW FRAMES	 12 BALCONY SLIDER W/ SEALED UNIT GLAZING COLOUR: TO MATCH WINDOW FRAMES	 16 METAL C-CHANNEL ROOF CANOPY W/ WOOD SOFFIT	 20 ARMOUR STONE OR RETAINING WALL BLOCKS	

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BIDDING/TENDER

SIZE

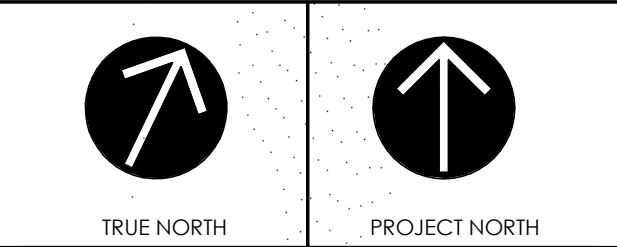
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ISSUED FOR:

SCHEMATIC DESIGN

DEVELOPED DESIGN 2021.03.12

SITE PLAN APPROVAL

BUILDING PERMIT

BIDDING/TENDER

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EDGE
ARCHITECTS LTD



PROJECT NAME

310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT

URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE

ELEVATIONS

PROJECT NUMBER	DRAWING NUMBER
19099	3.4
SCALE	
As indicated	
SHEET SIZE	
24x36	



MATERIAL LEGEND

MASONRY STONE ANDANTE FIELDLEDGE BY ALDARADO STONE OR SIMILAR	CAST-IN-PLACE CONCRETE	ALUMINUM GUARD RAIL SYSTEM C/W GLASS PANELS	LINE OF PROPOSED GRADE	SUITE ENTRY WOOD DOOR	SLATTED PRIVACY SCREEN
PEARL GREY SMOOTH HARDIE PANEL AND LAP SIDING OR SIMILAR	VINYL WINDOW UNIT FRAME COLOUR: STANDARD BLACK	INSULATED SECTIONAL OVERHEAD DOOR COLOUR: STANDARD BLACK	ALUMINUM STORE FRONT WITH CLEAR INSULATED SEALED UNIT GLAZING FRAME COLOUR: STANDARD BLACK	MATERIAL: STORE FRONT SPANDREL GLAZING FRAME FINISH: STANDARD BLACK	PTAC/CONDENSER UNIT GRILLE COLOUR: DARK CHARCOAL
'AGED PEWTER' SMOOTH HARDIE PANEL AND LAP SIDING OR SIMILAR	METAL CLAD ELEMENT 'AL13' OR SIMILAR	MAIN DOOR(S) COLOUR: TO MATCH WINDOW FRAMES	FULL LITE DOOR COLOUR: STANDARD BLACK	IVY COVERED CONCRETE WALL	ARMOUR STONE OR RETAINING WALL BLOCKS
'SAND CASTLE' WOODTONE, SELECT CEDARMILL HARDIE LAP SIDING OR SIMILAR	ALUMINUM GUARD RAIL SYSTEM COLOUR: TO MATCH WINDOW FRAMES	BALCONY SLIDER w/ SEALED UNIT GLAZING COLOUR: TO MATCH WINDOW FRAMES	METAL C-CHANNEL ROOF CANOPY w/ WOOD SOFFIT		



1 SOUTH WEST PERSPECTIVE
5.1



2 NORTH WEST PERSPECTIVE
5.1



3 NORTH EAST PERSPECTIVE
5.1



4 SOUTH EAST PERSPECTIVE
5.1

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DEVELOPED DESIGN 2021.03.12

SITE PLAN APPROVAL

BUILDING PERMIT

BIDDING/TENDER

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PROJECT NAME

310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT

URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE

MASSING/ PERSPECTIVE
VIEWS

PROJECT NUMBER	DRAWING NUMBER
19099	5.1
SCALE	
SHEET SIZE	24x36



1
5.2
MAIN ENTRANCE



2
5.2
UNDERGROUND PARKING ENTRANCE



3
5.2
RETAINING WALL AT NORTH EAST CORNER



4
5.2
RETAINING WALL AT NORTH WEST CORNER

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DEVELOPED DESIGN
SITE PLAN APPROVAL
BUILDING PERMIT
BIDDING/TENDER

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EDGE
ARCHITECTS LTD



PROJECT NAME
310-316 ERB ST W
MULTI-RES DEVELOPMENT
310-316 ERB STREET WEST, WATERLOO, ON

CLIENT
URBAN LEGEND
DEVELOPMENTS

DRAWING TITLE
MASSING/ PERSPECTIVE
VIEWS

PROJECT NUMBER	DRAWING NUMBER
19099	5.2
SCALE	
SHEET SIZE	24x36